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 TI Manufacture of plugging **cement-fly ash**
 mortar for casing of wells
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 SO Russ., No pp. given
 CODEN: RUXXE7
 DT Patent
 LA Russian
 IC ICM E21B033-138
 ICS E21B021-06
 CC 58-3 (Cement, Concrete, and Related Building Materials)
 Section cross-reference(s): 51

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PI	RU 2161695	C2	20010110	RU 1998-122632	19981215
PRAI	RU 1998-122632		19981215		

AB New plugging mortar is used for drilling oil and gas wells in formations
 with abnormally high pressures within temp. range of 60-140.degree..
 Grouting mortar contains Portland **cement** 15.38-25.74, barite
 22.06-46.15, power station fly ashes 15.38-25.74 wt.%, and **water**
 in the balance. Portland **cement** is first mixed with fly ashes
 and resulting mixt. is then introduced into vacuum hydraulic mixer
 simultaneously with 70-80 wt. % of barite based on its projected amt. and
water fed under pressure. The obtained **slurry** is
 stirred and hydraulically activated in hydraulic mixer. After addn. of
 the rest of barite, hydraulic activation of soln. is repeated several
 times at pressure of 8-12 MPa. The resulting grout has increased heat
 resistance and strength of **cement** stone.
 ST plugging **cement** mortar **fly ash** barite oil
 well
 IT Mortar